

FIG. 1

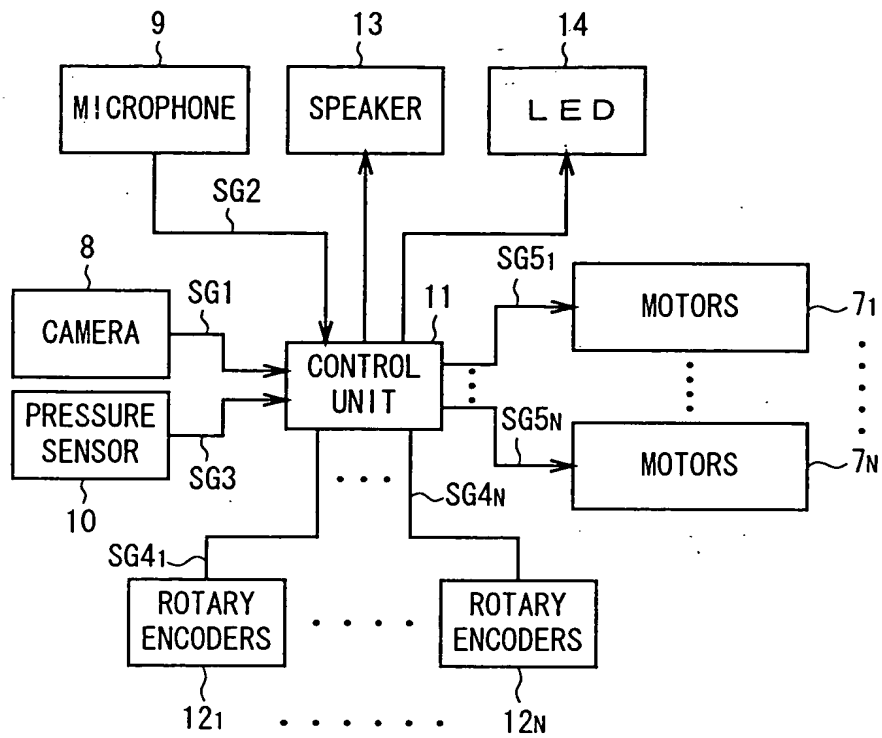


FIG. 2

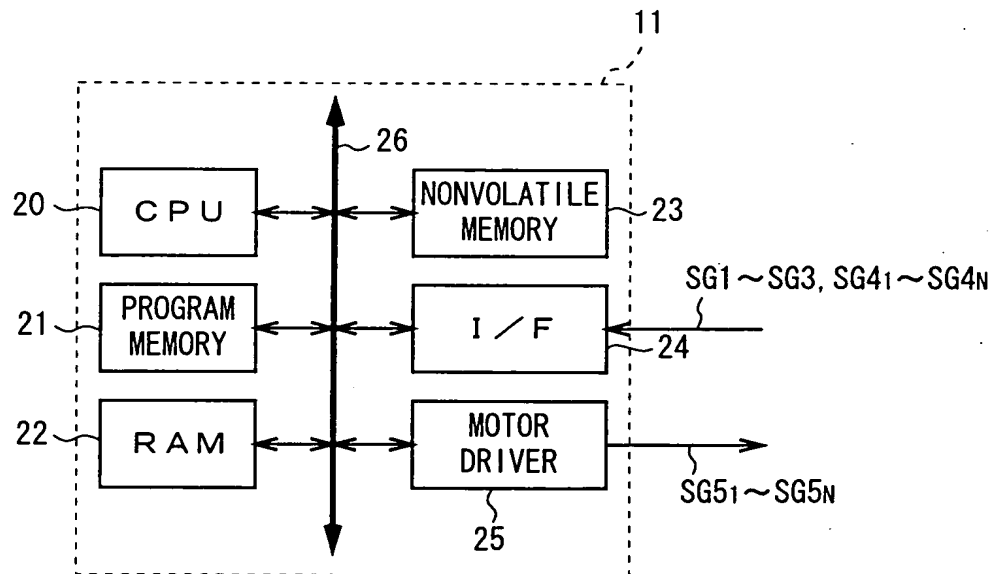


FIG. 3

005050-044E2350

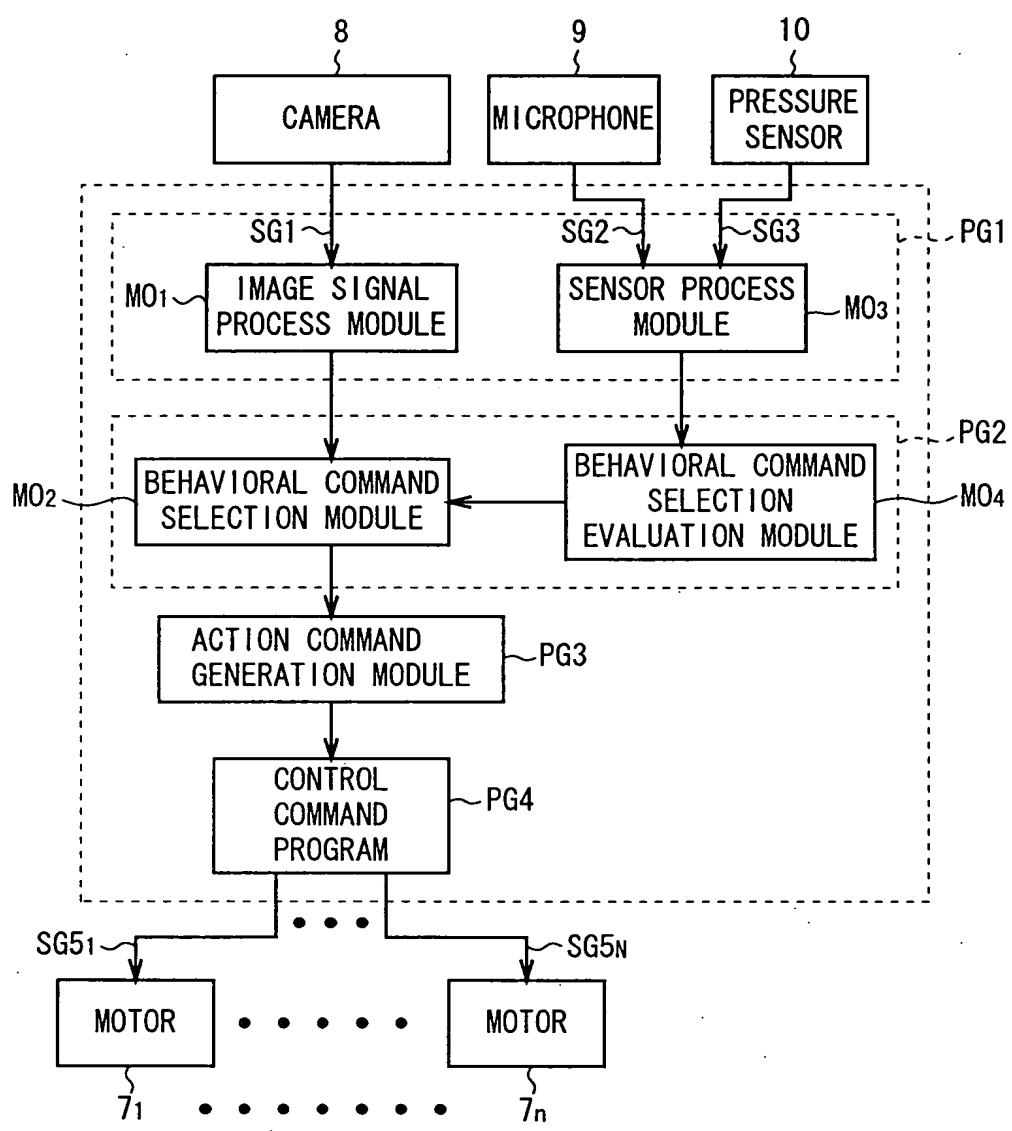
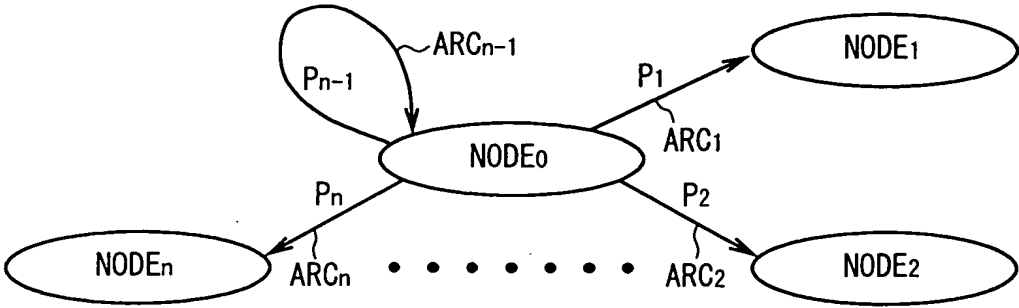


FIG. 4



MO2

FIG. 5

WORD	PROSODY INFORMATION	EVALUATION	CHANGE RATE
GOOD!	yoshiyoshi	『PRAISE』	Lyoshiyoshi
GOOD BOY (GIRL) !	i iko	『PRAISE』	Liiko
HEY!	kora	『ANGER』	Lkora
STOP IT!	yame	『ANGER』	Lyame
NO!	dame	『ANGER』	Ldame
.	.	.	.
.	.	.	.
.	.	.	.

FIG. 12

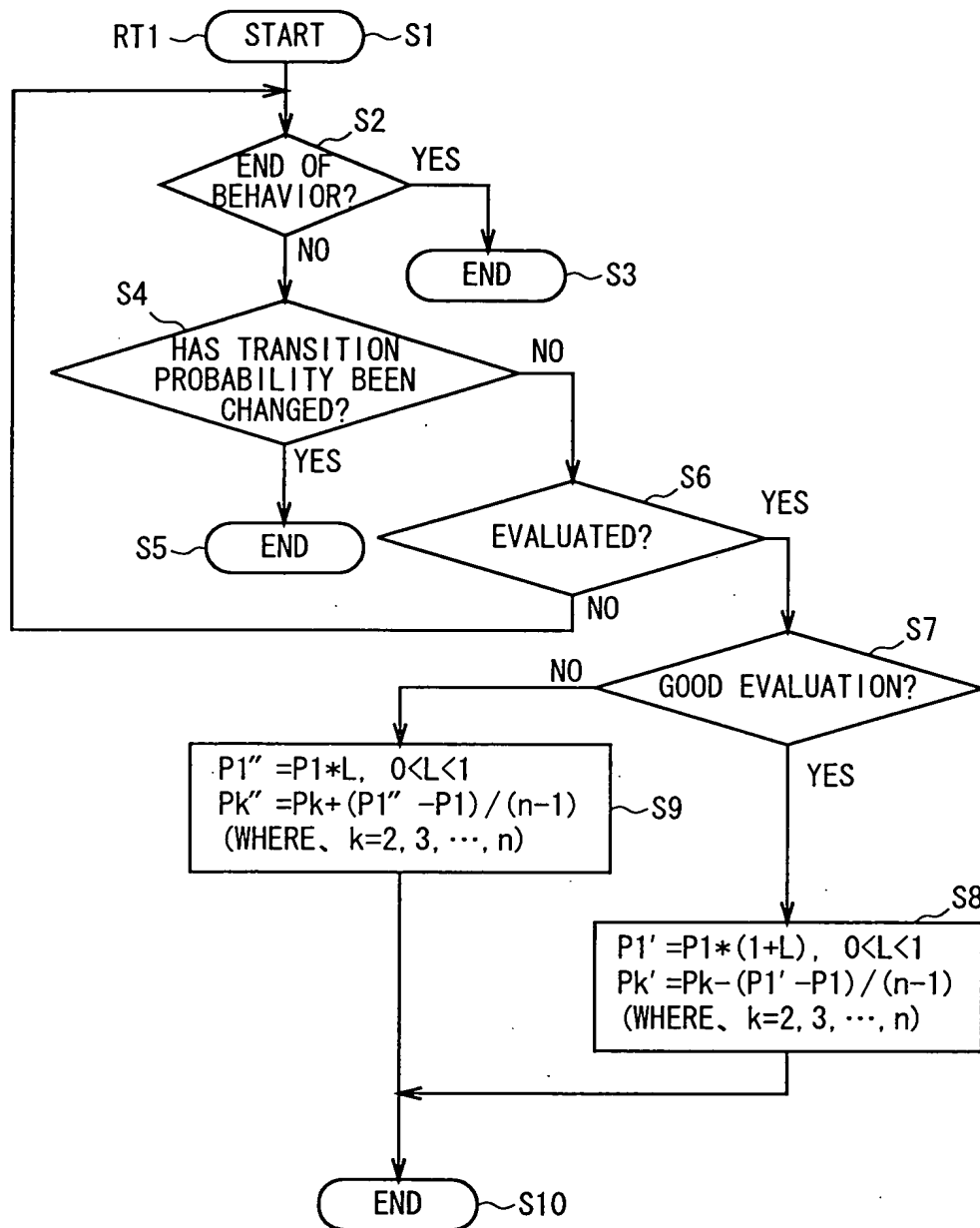


FIG. 6

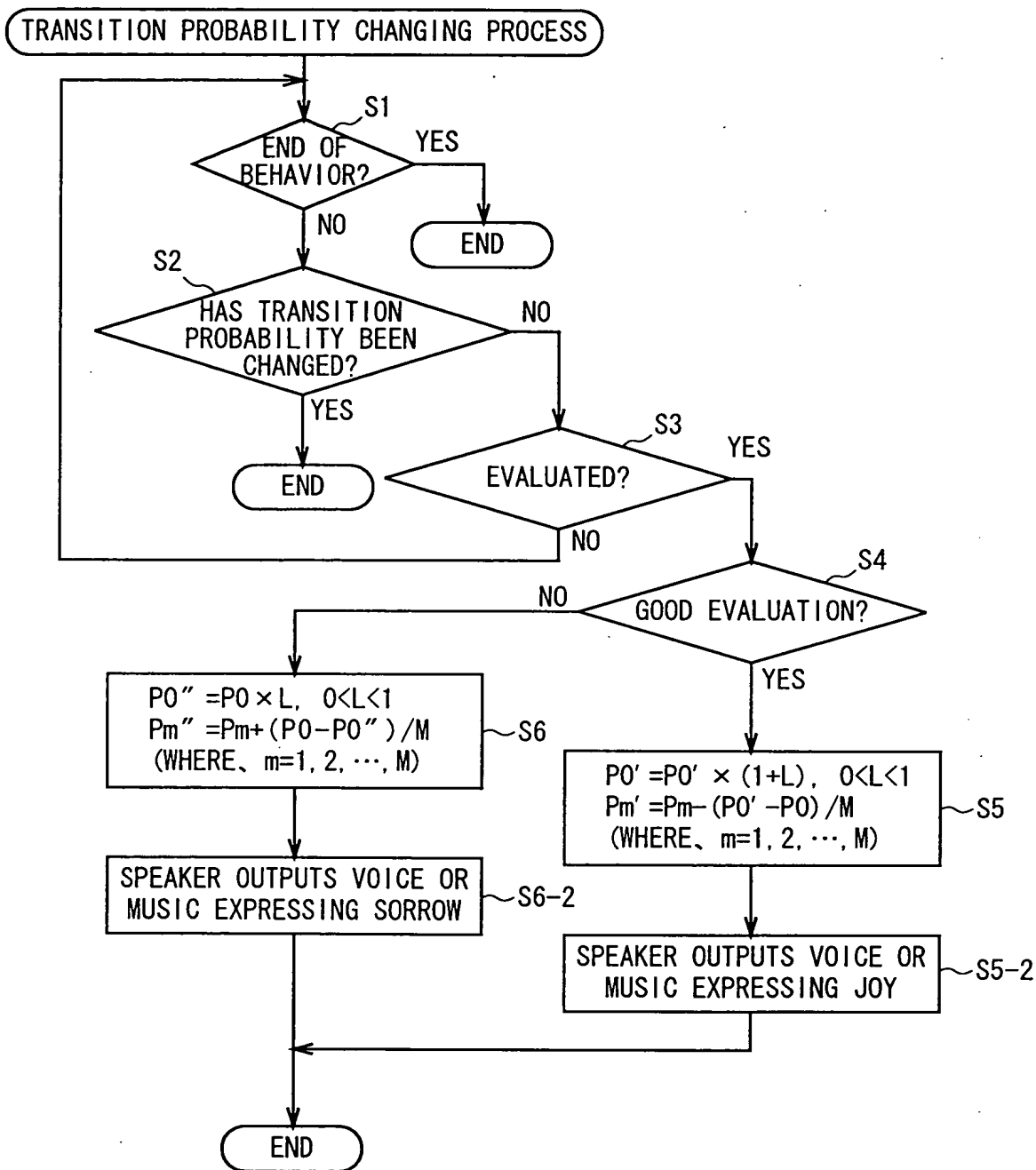


FIG. 7

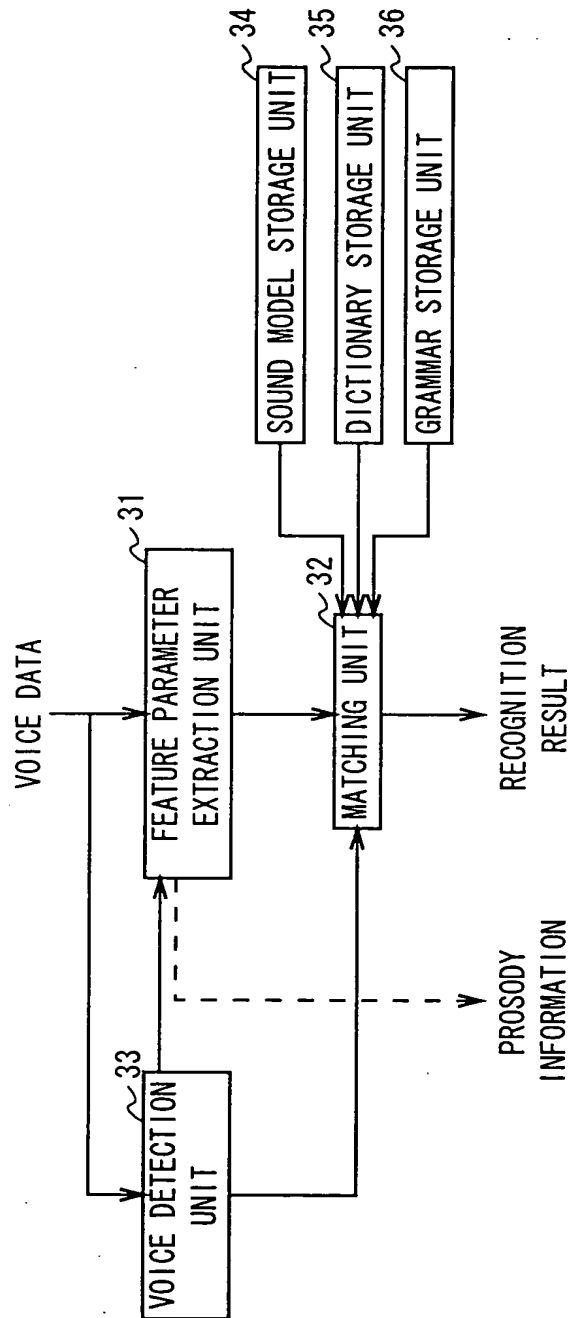


FIG. 8

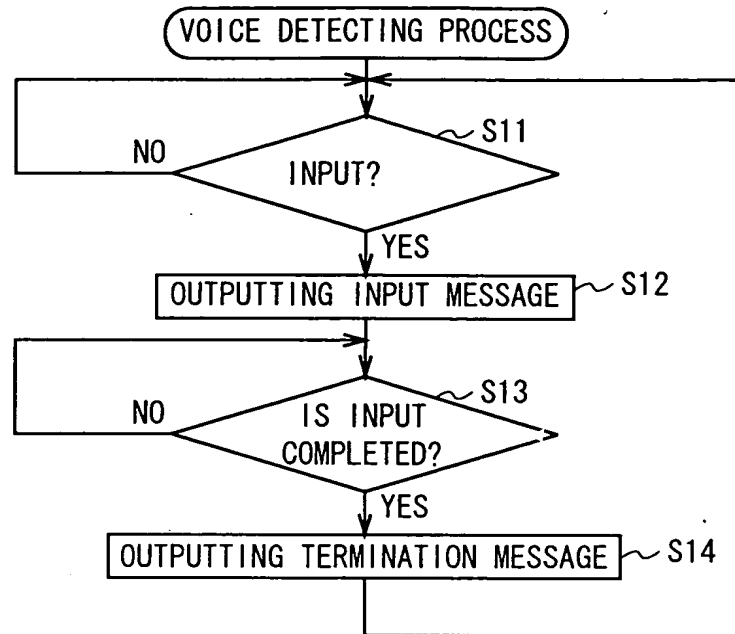


FIG. 9

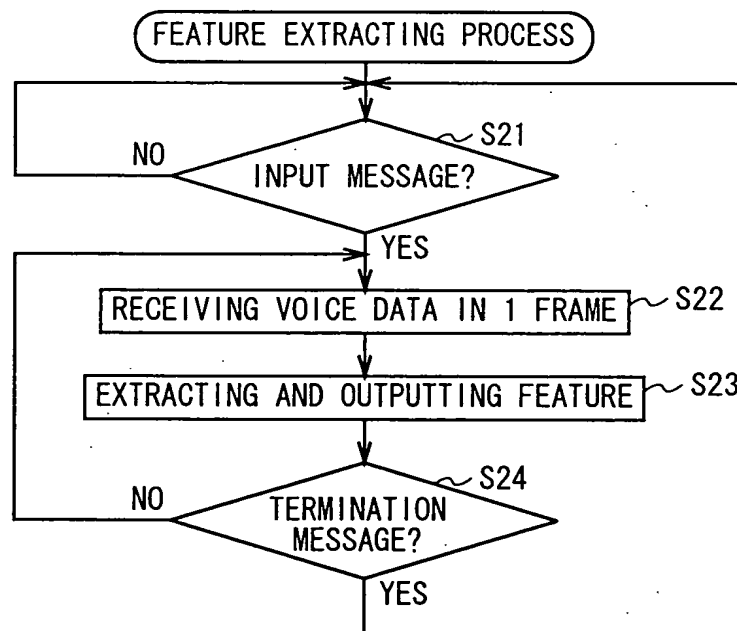


FIG. 10

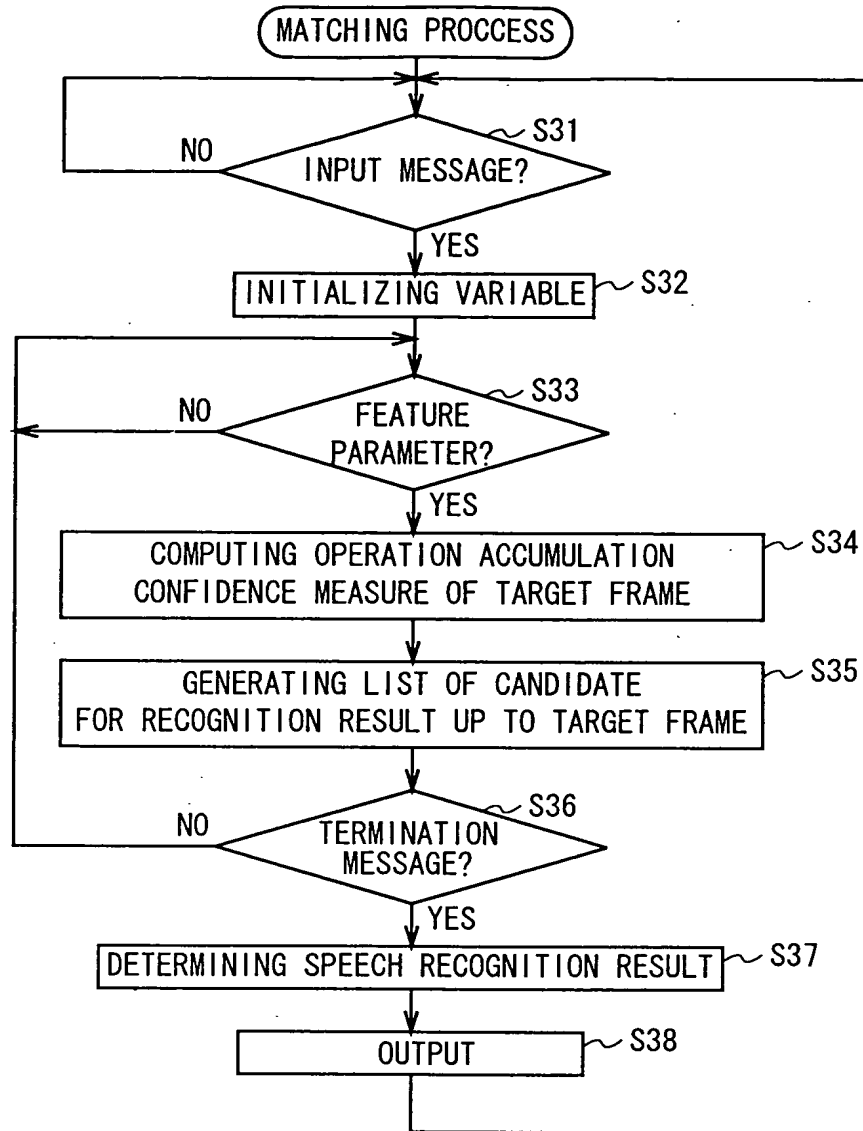


FIG. 11

Explanation of Reference Numerals

1 ... Robot, 1A ... Tail unit, 2 ... Belly unit, 3 ... Head unit, 4A to 4D ... Upper leg units, 5A to 5D ... Lower leg units, 6A to 6D ... Leg units, 7₁ to 7_n ... Motors, 8 ... Camera, 9 ... Microphone, 10 ... Pressure sensor, 11 ... Control unit, 12₁ to 12_n ... Rotary encoders, 13 ... Speaker, 14 ... LED, 20 ... CPU, 21 ... Program memory, 22 ... RAM, 23 ... Nonvolatile memory, 24 ... I/F, 25 ... Motor driver, 31 ... Feature parameter extraction unit, 32 ... Matching unit, 33 ... Voice detection unit, 34 ... Sound model storage unit, 35 ... Dictionary storage unit, 36 ... Grammar storage unit